

EQUIPMENT LIST

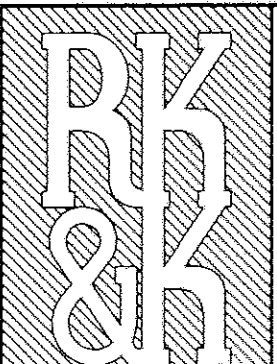
A. Equipment to be supplied by State Highway Administration:

QUANTITY	UNIT	SHA SPEC. SECTION	DESCRIPTION
165	SF	813	Sheet aluminum signs to consist of: 1 (EA) - 24 inch x 24 inch R3-2 sign (symbol) (No Left Turn) with proper hardware for mast arm mount. 1 (EA) - 36 inch x 42 inch R10-12 Mod. sign "LEFT TURN YIELD ON GREEN" (ball symbol) with proper hardware for mast arm mount. 1 (EA) - 30 inch x 36 inch R3-5 sign (left arrow-symbol) "ONLY" with proper hardware for mast arm mount. 1 (EA) - 30 inch x 36 inch R3-6 Mod. sign (left, through and right arrows-symbol) with proper hardware for mast arm mount. 2 (EA) - Variable x 16 inch D3-2 dual face (road name panel) "Snowden" with proper hardware for mast arm mount. 2 (EA) - Variable x 16 inch D3-2 (road name panel) "Laurel Bowie" with proper hardware for mast arm mount. 1 (EA) - One piece shield assembly 30 inch x 51 inch with proper hardware for pole mount: 24 inch x 12 inch M3-3 "SOUTH" 30 inch X 24 inch M1-6 "MARYLAND" (route shield for independent use) 21 inch x 15 inch M6-1 (arrow) directional. 1 (EA) - One piece shield assembly 48 inch x 75 inch with proper hardware for pole mount 30 inch x 15 inch M3-1 "NORTH", 48 inch X 36 inch M1-6 "MARYLAND" (route shield for independent use), 30 inch x 24 inch M6-1 (arrow) directional. 1 (EA) - One piece shield assembly with proper hardware for pole mount: 24 inch x 12 inch M3-3 "NORTH", 30 inch x 24 inch M1-6 "MARYLAND" (route shield for independent use), 21 inch x 15 inch M6-1 (arrow) directional. 1 (EA) - One piece shield assembly 48 inch x 75 inch with proper hardware for pole mount: 30 inch x 15 inch M3-3 "SOUTH", 48 inch x 36 inch M1-6 "MARYLAND" (route shield for independent use), 30 inch x 24 inch M6-1 (arrow) directional. 2 (EA) - 48 inch x 48 inch W3-3 (signal ahead symbol) with proper hardware for ground mount. 2 (EA) - 24 inch x 24 inch sign panel "NEW" with proper hardware for ground mount.
1	EA	816	Eight-phase (fully-actuated) traffic signal controller in base mount cabinet.
6	EA	814	12 inch 1 way 3 section (R,Y,G) signal head - mast arm mount.
2	EA	814	12 inch 1 way 4 section (R,Y,G,GA) signal head - mast arm mount.
1	EA	814	12 inch 1 way 5 section (R,Y,YA,G,GA) signal - mast arm mount.
1	EA	814	1 way 5 section 12 inch (YA,RA) 8 inch (R,Y,G) signal head - mast arm mount.

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B. Equipment to be furnished and/or installed by the Contractor.

QUANTITY	UNIT	SHA SPEC. SECTION	DESCRIPTION
2	CY	205	Test pit excavation.
7	CY	801	Concrete foundation for signal structures.
3	EA	804	Ground rod - 3/4inch diameter x 10 foot length.
300	LF	804	Bare copper ground wire (No. 6 A.W.G.).
45	LF	805	1 inch electrical conduit detector wire sleeve.
5	LF	805	2 inch schedule 80 electrical conduit--trenched/buried.
770	LF	805	3 inch schedule 40 electrical conduit--trenched/buried.
170	LF	805	3 inch schedule 80 electrical conduit--bored/under existing pavement.
20	LF	805	4 inch schedule 40 electrical conduit--trenched/buried.
1	EA	806	20 FT lighting arm and 250 Watt HPSV luminaire.
1	EA	807	Control and distribution equipment.
1300	LF	810	7-Conductor electrical cable (No. 14 A.W.G.).
90	LF	810	5-Conductor electrical cable (No. 14 A.W.G.).
320	LF	810	2-Conductor electrical tray cable (No. 12 A.W.G.).
2340	LF	810	2-Conductor electrical cable (Aluminum Shielded).
1500	LF	810	Loop wire (No. 14 A.W.G.) encased in 1/4 inch flexible tube.
120	LF	810	1-Conductor electrical cable (No. 4 A.W.G.) - THHN/THWN.
36	LF	812	6 inch x 6 inch wood sign support.
124	SF	813	Install overhead sign.
40	SF	813	Install ground mounted sign.
11	EA	811	Handhole.
10	EA	814	Install signal head - mast arm mount.
550	LF	815	Sawcut for signal loop detector.
1	EA	816	Install 8 phase fully actuated controller and cabinet - base mount.
1	EA	800	27 feet steel pole and twin 50 feet/50 feet mast arms (NOTE: 4 - 1 3/4 inch x 90 inch anchor bolts).
1	EA	800	21 feet steel pole and twin 50 feet/50 feet mast arms (NOTE: 4 - 1 3/4 inch x 90 inch anchor bolts).
135	LF	SP-555	24 inch white permanent preformed pavement marking tape.
1	EA	-	As-built plans for traffic signal.
70	LF	810	1-Conductor for electrical cable (No.8A.W.G.) - copper THWN



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REVISIONS:	APPROVALS:	MDOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION			
	CHIEF SIGNAL DESIGN SECTION	LOG MILE # 16019711.69			
	ASST. DISTRICT ENGINEER TRAFFIC	DRAWN BY: ZAJ	MD 197/SNOWDEN ROAD/B/W PKWY. RAMP C-1 GENERAL INFORMATION		
		DES. BY: ZAJ			
	CHIEF TRAFFIC ENGINEERING DESIGN DIVISION	CHK. BY:			
		DATE: APRIL, 1996	F.A.P. NO. BW1A25,ETC	TS/STD. NO.:	SHEET NO.
		SCALE: NONE	SHA NO.	TS-3582-GI-2	OF